

navvit

Your Ultimate Student Hub

What is navVIT

navVIT is a dedicated online platform designed to enhance the college experience for students and faculty at VIT Bhopal. The name combines "navigation," emphasizing the ease of finding resources on campus, and "VIT," representing our institution.

PURPOSE

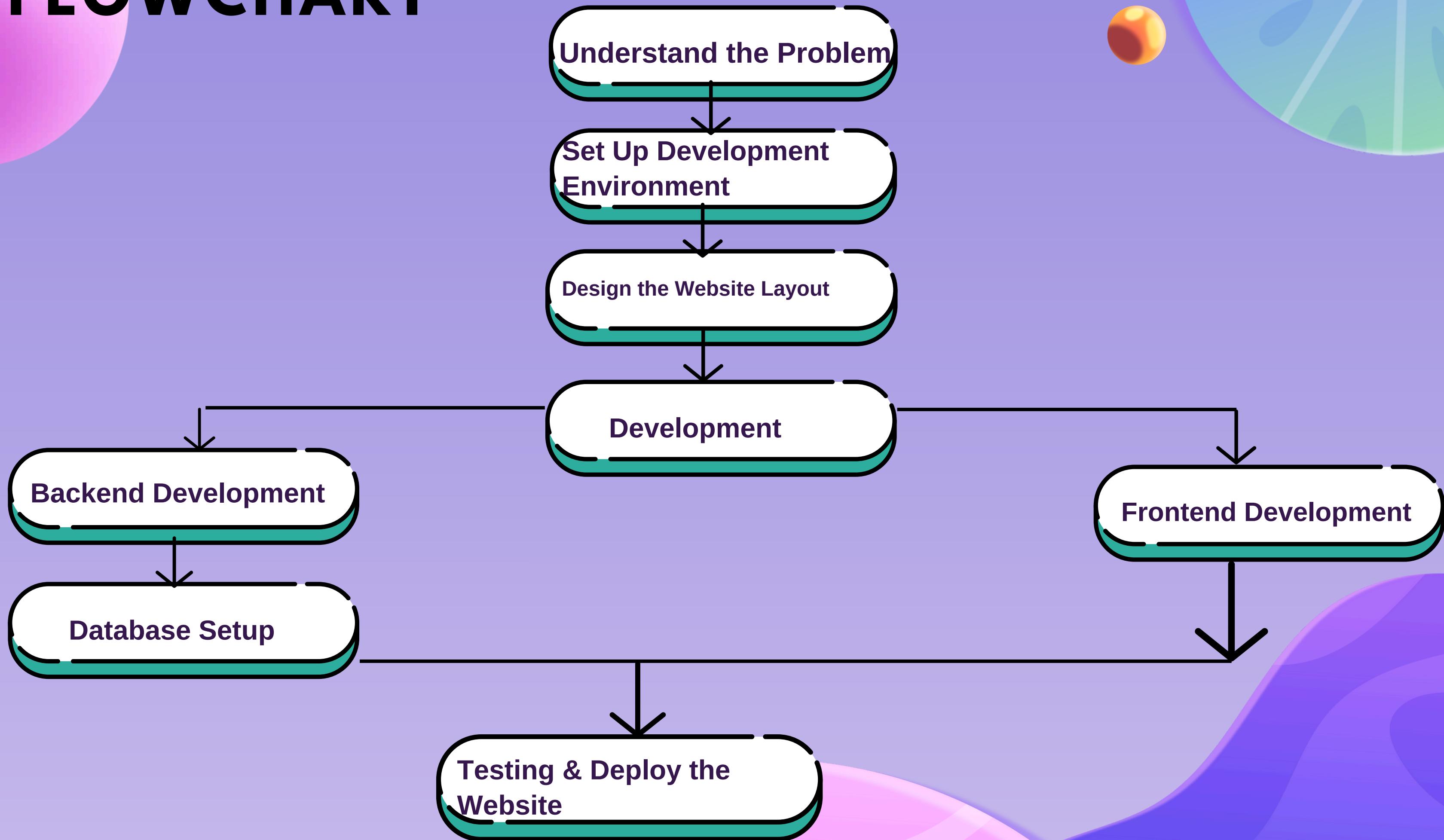
The primary goal of navVIT is to provide a centralized hub for students to access essential resources, locate important campus areas, and connect with their peers. By simplifying navigation and providing valuable information, navVIT aims to improve overall academic engagement and support.

what does it provide:

Key Features:

- User-friendly interface for easy access to resources.
- Interactive campus map to locate key areas.
- Guidance on resolving common student issues.
- Collaboration tools to foster connections among students.
- An event calendar to keep the community informed.
- A free platform to share ask problems and their replies

FLOWCHART



SMALL DETAILS

Frontend Development

- Use HTML, CSS, and JavaScript to create the visual part of the website.
- Design the login page with the blue theme and the circular "navVIT" logo.
- Add interactive elements like the search bar on the homepage.

Backend Development

- User Authentication: Code the login system to authenticate students using their college ID.
- Search System: Implement functionality to handle location searches and display results.
- API Integration: Use APIs (if necessary) for location data or maps integration.

SMALL DETAILS

Database Setup

Database: Use MySQL or SQLite.

Tables:

Locations: location_id, location_name, type, coordinates.

Users: user_id, name, college_id, password.

Procedures: procedure_id, name, steps.

Insert Data: Add campus locations and procedures.

Query: Example: `SELECT * FROM locations WHERE location_name = 'canteen';`

Retrieval: Backend fetches data for search results.

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Testing & Deploy the Website

Testing

- **Unit Testing:** Check individual features (e.g., login, search).
- **Integration Testing:** Ensure components work together.
- **User Acceptance Testing:** Get feedback from users.
- **Performance Testing:** Assess speed and load capacity.

Deployment

- **Choose Hosting:** Select a platform (e.g., AWS, Heroku).
- **Version Control:** Use Git for code management.
- **CI/CD Pipeline:** Automate testing and deployment.
- **Deploy Application:** Launch the website.
- **Monitor Performance:** Track site health and gather user feedback.

LOGIN PAGE

LOGIN PROCEDURE



1. Access the Website:

- Navigate to the navVIT website via your browser.

2. Enter College Credentials:

- Input your college ID and password in the provided login fields.

3. Verification:

- The system verifies your credentials against the database to ensure secure access.

4. Forgot Password Option:

- If you forget your password, click on the "Forgot Password" link to reset it through your registered email.



navVIT

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Login to navVIT

Username

Password

Login

Don't have an account? [Sign Up](#)

[Forgot Password?](#)

HOME

PAGE

WHAT'S ON THE HOME PAGE



1. Search Bar
2. Interactive Map Shortcut: Quick access to the campus map.
3. Procedure: Written procedure on how and where to go for resolving any problem(ex-wifi issue,bonafide,course registration etc.).
4. Event Calendar: Preview of upcoming events and deadlines.
5. Notifications: Latest updates or announcements.
6. Queries: An open world platform where students can ask common questions to each other(like-Quora)

navVIT

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[Home](#) [Hostel](#) [Day Scholar](#) [Clubs](#) [About Us](#) [Contact](#)

Search...

Welcome to navVIT!

Discover events, join clubs, and make the most of your college life with navVIT.

Announcements

Stay updated with the latest events happening around campus. Don't miss out!

Most Searched Queries

Discover the most frequently searched topics to help you navigate college life effectively.

Contact Us

Have questions or suggestions? Get in touch with us anytime.

LANGUAGES REQUIRED

languages we are learning

<u>HTML</u>	For creating the structure and layout of the web pages.
<u>CSS</u>	For styling the website, including colors, fonts, and layouts.
<u>JavaScript</u>	For adding interactivity, such as dynamic content updates and user interface behaviors.
<u>PHP or Node.js</u>	For server-side scripting to handle backend processes like user authentication and data retrieval.
<u>SQL</u>	For managing the database, storing, and retrieving user and campus data securely.

TIMELINE

Month	OCTOBER	NOVEMBER	DECEMBER
	<ul style="list-style-type: none">◦ Planning & Research (Week 1-2)◦ Define project scope and features.◦ Research similar platforms and gather ideas.◦ UI/UX Design (Week 3-4)◦ Design the homepage, login page, and other key interface elements.◦ Create wireframes/mockups for the site structure.	<p>Frontend Development (Week 1-2)</p> <ul style="list-style-type: none">◦ Develop working homepage, login page, and interactive map using HTML, CSS, and JavaScript.◦ Begin initial testing for responsiveness and user experience. <p>Backend Development (Week 3-4)</p> <ul style="list-style-type: none">◦ Implement user authentication and data handling using PHP/Node.js.◦ Set up the database (MySQL/SQL) for storing user and campus data.	<p>Final Development & Integration (Week 1-2)</p> <ul style="list-style-type: none">▪ Complete integration of frontend and backend systems.▪ Add features like notifications, event calendar, and resource guides. <p>Testing & Debugging (Week 2)</p> <ul style="list-style-type: none">▪ Perform extensive testing to identify bugs.▪ Debug and ensure security and usability.
COMPLETION BAR	<div style="width: 75%; background-color: #000; height: 10px; border-radius: 5px;"></div>	<div style="width: 25%; background-color: #fff; height: 10px; border-radius: 5px;"></div>	<div style="width: 100%; background-color: #fff; height: 10px; border-radius: 5px;"></div>
	COMPLETED	TO DO	

OUR TEAM



VISHAL
SHARMA(23BAI11322)



SAHIL
KUMAR(23BAI10224)



VIDIT KUMAR
SINGH(23BAI10196)



ANUSHKA
YADAV(23BAI10168)



SNEHA
MANDAL(23BAI10659)

SUPERVISOR



Dr. GEETA SINGH